

Ref ID: US 200501533311
29 APR 2005

International application No.

PCT/US03/34658

INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/34
US CL : 514/473

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 514/473

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CAS ONLINE, MEDLINE, BIOSIS, search terms: structural search for the compounds, fatty acid synthase inhibitor, cancer

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,759,837 A (KUHAJDA et al) 02 JUNE 1998 (02.06.1998), see the abstract, col. 1-12, the claims.	1, 2
Y		3-20
Y	US 5,981,575 A KKUHAJDA 09 NOVEMBER , see the abstract, col. 2, line 20 to col. 4, line 30, teh examples in columns 12-14, and the claims.	1-20
Y	PIZER et al Fatty acid synthase (FAS): A target for cytotoxic antimetabolites in HL60, Cancer Research, 1996, vol. 56, pages 745-751, particularly, the abstract.	1-20
Y	PIZER et al. Inhibition of fatty acid synthesis delays disease progression in a Xenograft model of ovarian cancer, Cancer Research, 1996, Vol. 56, pages 1189-1193, particularly, the abstract.	1-20
Y	PIZER et al. Inhibition of fatty acid synthesis induces programmed cell death in human breast cancer cells, Cancer Research, 1996, particularly, the abstract.	1-20

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier application or patent published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

02 October 2004 (02.10.2004)

Date of mailing of the international search report

05 NOV 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (703) 305-3230

Authorized officer

Shengjun Wang

Telephone No. (571) 272-1600